NOTICE OF ACCEPTANCE (NOA)

Marks USA I, LLC subsidiary of NAPCO Security Technologies, Inc.
365 Bayview Avenue
Amityville, NY 11701

SCOPE:
This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami–Dade County Product Control Section (In Miami–Dade County) and/or the AHJ (in areas other than Miami–Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami–Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Component Approval – Marks USA I, LLC Series 5, 130, 175 & 195 Lockset Hardware and Model M9900H & Model M9900FH Exit Devices for Commercial Steel Doors – L.M.I.

APPROVAL DOCUMENT: Drawing No. MD1, titled “Marks USA 1, LLC”, sheets 1 through 10 of 10, dated 02/13/04, 11/09/15, 11/13/15, and 11/13/15, with revision B dated 09/19/17, prepared by manufacturer, signed and sealed by Ronald Ogur, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer’s name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA replaces NOA# 16-0316.03 and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.

NOA No. 17-1020.08
Expiration Date: October 27, 2021
Approval Date: December 28, 2017
Page 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's
   A. DRAWINGS
      1. Manufacturer's die drawings and sections.
         (Submitted under NOA's No. 03-1112.01 and No. 08-1204.03)
      2. Drawing No MD1, titled “Marks USA 1 LLC”, sheets 1 through 8 of 8, dated 02/13/04, 11/09/15, 11/13/16 and 11/17/16, prepared by manufacturer, signed and sealed by Ronald Ogur, P.E.

   B. TESTS
      1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
         2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
         3) Water Resistance Test, per FBC, TAS 202-94
         4) Large Missile Impact Test per FBC, TAS 201-94
         5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
         6) Forced Entry Test, per FBC 3603.2 (b) TAS 202-94
         along with marked-up drawings and installation diagram of 3 specimens of a commercial steel door (X), prepared by National Certified Testing Laboratories, Test Report No. NCTL-110-19130-01, dated 05/06/16, revised on 06/23/16 and 09/20/16, signed and sealed by Harold E. Rupp, P.E.
      2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
         2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
         3) Water Resistance Test, per FBC, TAS 202-94
         4) Large Missile Impact Test per FBC, TAS 201-94
         5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
         6) Forced Entry Test, per FBC 3603.2 (b) TAS 202-94
         along with marked-up drawings and installation diagram of 3 specimens of a commercial steel door (X), prepared by Hurricane Test Laboratory, Inc., Test Report No. HTL-0279-1017-01, dated 10/17/01, signed and sealed by Vinu J. Abraham, P.E.
         (Submitted under NOA No. 03-1112.01)

   C. CALCULATIONS:
      1. (For reference only from door approval file)

   D. QUALITY ASSURANCE
      1. Miami-Dade Department of Regulatory and Economic Resources (RER).

   E. MATERIAL CERTIFICATIONS
      1. None.

Manuel Perez, P.E.
Product Control Examiner
NOA No. 17-1020.08
Expiration Date: October 27, 2021
Approval Date: December 28, 2017
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS
2. Proposal No. 15-1231R issued by the Product Control Section, dated September 18, 2015 and revised on November 30, 2015, signed by Manuel Perez, P.E.

G. OTHER
1. Notice of Acceptance No. 08-1204.03, issued to Marks USA, a subsidiary of NAPCO Security Systems, Inc., for their Component Approval – Marks Series 5, 130 & 170 Lockset Hardware Devices-for Commercial Steel Doors – L.M.I., approved on 06/10/09 and expiring on 04/01/14.

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS
1. Drawing No MD1, titled “Marks USA 1 LLC”, sheets 1 through 10 of 10, dated 02/13/04, 11/09/15, 11/13/16 and 11/17/16, with revision B dated 09/19/17, prepared by manufacturer, signed and sealed by Ronald Ogar, P.E.

B. TESTS
1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
   2) Large Missile Impact Test per FBC, TAS 201-94
   3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
   4) Forced Entry Test, per FBC 3603.2 (b) TAS 202-94
   along with marked-up drawings and installation diagram of 1 specimen of a model M9900FH/M9900H Exit Devices on commercial steel door (X), prepared by National Certified Testing Laboratories, Test Report No. NCTL-110-19130-01 Addendum, dated 10/05/17, signed and sealed by Harold E. Rupp, P.E. and addendum letter submitted by Justin L. Bupp.

C. CALCULATIONS
1. None

D. QUALITY ASSURANCE
1. Miami-Dade Department of Regulatory and Economic Resources (RER)

[Signature]
Manuel Perez, P.E.
Product Control Examiner
NOA No. 17-1020.08
Expiration Date: October 27, 2021
Approval Date: December 28, 2017
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS
   1. None.

F. STATEMENTS

G. OTHERS

Manuel Perez, P.E.
Product Control Examiner
NOA No. 17-1020.08
Expiration Date: October 27, 2021
Approval Date: December 28, 2017
**MARKS USA 1 LLC**
SUBSIDIARY OF NAPCO SECURITY TECHNOLOGIES INC.
365 BAYVIEW AVE.
AMITYVILLE, NY 11701

**MIAMI-DADE APPROVED HARDWARE COMPONENTS**

**GENERAL NOTES**
1. **THIS PRODUCT IS DESIGNED TO MEET FLORIDA BUILDING CODE 6TH EDITION (2017) FOR HIGH VELOCITY HURRICANE ZONE.**
2. **THE LOCK HARDWARE PRODUCTS LISTED IN THIS NOA SHALL BE USED IN CONJUNCTION WITH CURRENT NOA'S UTILIZING SIMILAR COMPONENTS AND WILL BE LIMITED BY THE LESSER DESIGN PRESSURE. THE PRODUCTS CAN BE USED WITH STEEL SIDE HINGED SWING DOORS, HOLDING CURRENT NOA.**
3. **DESIGN PRESSURE RATING SEE TABLE PAGE 1.**
4. **THE LOCK HARDWARE PRODUCTS LISTED IN THIS NOA MEET THE REQUIREMENTS FOR HIGH VELOCITY HURRICANE WIND BORNE DEBRIS ZONES AS PRESCRIBED IN SECTION 1626 OF THE FLORIDA BUILDING CODE, DESIGN PRESSURES ARE LIMITED BY THE NOA'S THAT THEY ARE USED IN CONJUNCTION WITH.**

**RESIDENTIAL & LIGHT COMMERCIAL 161 HARDWARE**
MARKS USA 175 SERIES—CYLINDRICAL LOCK, GRADE 2 WITH
MARKS USA 130 SERIES—SINGLE CYLINDER DEAD BOLT LOCK, GRADE 2.
MARKS USA 195 SERIES—CYLINDRICAL LOCK, GRADE 1
MARKS USA 5 SERIES—MORTISE LOCKSET, GRADE 1
MARKS USA M9900F & M9900H EXIT DEVICES.

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**DESIGN PRESSURE RATING OUT/INSING WING UNITS**

<table>
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<tr>
<th>HARDWARE MODEL</th>
<th>DOOR SIZE, TYPE &amp; SWING (UNDER SEPARATE APPROVAL)</th>
<th>HARDWARE MODEL</th>
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<tr>
<td>MARKS USA 175 SERIES ANSI GRADE 2 CYLINDRICAL LOCKSET WITH 130 SERIES ANSI GRADE 2 DEADBOLT</td>
<td>.35 3/4” X 83 1/8” STEEL OUT-SWING</td>
<td>+90.0 psf – 90.0 psf</td>
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<td>MARKS USA 195 SERIES ANSI GRADE 1 CYLINDRICAL LOCKS</td>
<td>.35 3/4” X 83 1/8” STEEL OUT-SWING</td>
<td>+90.0 psf – 90.0 psf</td>
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<tr>
<td>MARKS USA 5 SERIES ANSI GRADE 1 MORTISE LOCKS</td>
<td>.35 3/4” X 83 1/8” STEEL OUT-SWING</td>
<td>+90.0 psf – 90.0 psf</td>
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<tr>
<td>MARKS USA M9900FH &amp; M9900H EXIT DEVICES</td>
<td>48” X 83 1/8” STEEL OUT-SWING</td>
<td>+80.0 psf – 80.0 psf</td>
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</tbody>
</table>

**LIMITATION AND SPECIFICATION NOTES**

1. **THIS DEVICE IS APPROVED TO BE EQUAL ALTERNATIVE TO BE USED IN SINGLE STEEL DOORS, HOLDING CURRENT NOA.**
2. **DOOR PANEL SHALL BE CORE FILLED WITH 3/4” CELL PAPER HOLLOW METAL STEEL FRAME OR TIGHTER FOR STEEL DOORS.**
3. **DOOR PANELS MUST BE MINIMUM 18 GA. (.045” MIN.) FOR STEEL DOORS.**
4. **DOOR JAMBS MUST BE MINIMUM 2” X 5.75” DEEP 16 GA. HOLLOW METAL STEEL FRAME OR TIGHTER.**
5. **LOCKS SHALL BE INSTALLED IN A SINGLE DOOR NO WIDER THAN 35” AND HIGHER THAN 83 1/8” (SEE DESIGN PRESSURE TABLE).**
6. **EXIT DEVICES SHALL BE INSTALLED IN A SINGLE DOOR NO WIDER THAN 48” AND HIGHER THAN 83 1/8” (SEE DESIGN PRESSURE TABLE).**
7. **ELECTRICAL/ELECTRONIC FUNCTION AND INSTALLATION OTHER THAN SELF CONTAINED ELECTRONIC DEVICE, IS NOT PART OF THIS APPROVAL AND SUCH INSTALLATION MUST BE REVIEWED BY CORRESPONDING BUILDING AUTHORITY.**
8. **LOCK REINFORCEMENT FOR MORTISE LOCKS SHALL BE .074” MINIMUM ROLL FORMED STEEL, 1.6875” WIDE, 4.75” DEEP WITH .050” LOCK CLIP, GLUED TO FACE SHEETS.**
9. **TWO LOCK MOUNTING TABS, MINIMUM .074” WELDED TO DOOR EDGE 4 PLACES EACH. PREPARED FOR #12-24 LOCK MOUNTING SCREWS.**
10. **LOCK REINFORCEMENT FOR CYLINDRICAL AND TUBULAR LOCKS SHALL BE MINIMUM .078” ROLL FORMED STEEL, 1” WIDE, .66” DEEP, WELDED TO DOOR EDGE 4 PLACES. PREPARED FOR #8-32 LOCK MOUNTING SCREWS.**
11. **LOCK REINFORCEMENT FOR EXIT DEVICES SHALL BE MIN. .078 ROLL FORMED STEEL 1” WIDE, .66” DEEP, WELDED TO DOOR EDGE 4 PLACES.**

**DATE**
09/09/17

**REV.**
A

**DESCRIPTION**
UPDATED SPEC'S, REMOVED EXIT DEVICES

**AUTH.**
G.M.

**DRW.**
L.M.
WIRE ANCHOR DETAIL

CONCRETE BLOCK WALL REP'D

CONTINUOUS CAULK BOTH SIDES

1.5'

1.875'

MASONRY WIRE ANCHORS (0.175" DW)
IN HORIZ. MORTAR JOINTS.
FILL JAMB SOLID WITH MORTAR

4" MIN.

TYPICAL FLUSH OUTSWING COMMERCIAL STEEL

DOOR AND FRAME:

MINIMUM DOOR THICKNESS OF 1-3/4"
STEEL FRAME: BRAKE FORMED STEEL, .057" MINIMUM WITH
DIE MITERED, CONTINUOUSLY WELDED CORNERS.

LOCK AND STRIKE MOUNTING SCREWS:

MORTISE LOCK AND STRIKE: 12-24 x 3/4" FLAT HEAD COMBINATION THREAD
CYLINDRICAL LOCK: 8-32 x 3/4" FLAT HEAD COMBINATION THREAD
CYLINDRICAL LOCK STRIKE: 12-24 x 3/4" FLAT HEAD COMBINATION THREAD
DEADBOLT LOCK AND STRIKE: 8-32 x 3/4" FLAT HEAD COMBINATION THREAD

PREPARED BY:
RONALD OGUR
FPE # 22894

MARKS USA 1 LLC
SUBSIDIARY OF NAPCO SECURITY TECHNOLOGIES INC.

TITLE: TYPICAL JAMB TO BUCK & DOOR CROSS SECTIONS

SCALE: NONE
DIAG. NO.: MD1
REV: B

DO NOT SCALE DRAWING

SHEET 2 OF 10
NOTE: 1. CONSULT FACTORY TO INSURE TEMPLATE IS LATEST REVISION.
2. ADD 1/64" WHEN DUST BOX IS USED.

COMMON Q. OF LOCK & STRIKE

2 1/2" MIN. INSIDE PLASTER GUARD BY FRAME MNF.

1/16 MIN.

3.2505-0.005
12-24 TAP 2 PL

2.500
4.8755-0.005
4.1255-0.005

NOTE: TOLERANCES SHOWN ARE FOR CUTOUTS.
LOCK CASE SUPPORT IS REQ'D FROM DOOR MFR.

MARKS USA 1 LLC

PREPARED BY:
RONALD OGUR
FPE # 22894
STRUCTURAL AND CIVIL ENGINEER
40 UNDERHILL BLVD.
SYOSSET, N.Y. 11791

ISSUED DATE:
© 2004 MARKS USA 1 LLC
NOTE: 1. CONSULT FACTORY TO INSURE TEMPLATE IS LATEST REVISION.
2. LOCK CASE SUPPORT IS REQUIRED FROM DOOR MFR.
3. ADD 1/32" WHEN DUST BOX AND STRIKE .080+.002 THICKNESS ARE USED.

HORIZ. & VERTICAL LOCK AND LATCH CASE SUPPORT BY DOOR MFR. IS MANDATORY.

OUTSIDE OF DOOR

ISSUED DATE:
© 2004 MARKS USA 1 LLC

MARKS USA 1 LLC

PREPARED BY:
RONALD OGUR
FPE # 22894
STRUCTURAL AND CIVIL ENGINEER
40 UNDERHILL BLVD.
SYOSSET, N.Y. 11791

FUNCTIONS:

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TOLERANCES (EXTEND AS NEEDED):

DECIMAL ±0.005
FRACTIONAL ±1/64"
ANGULAR ±1°

PRODUCT REVISIONS TO COMPLY WITH THE FLORIDA BUILDING CODE CLASSIFICATION:
2006 ACCORDING TO "NE" DATE 12/20/06

MARKS USA 175,195 AND 475 SERIES CYLINDRICAL LOCK INSTALLATION TEMPLATE

PREPARED BY:
E.B.
CHECKED BY:
APPROVED BY:

SCALE 1:2
DRAWN BY:
REV.

DATE 02-13-04
DRAWING NUMBER MD1

SHEET 4 OF 10
NOTES:
1. CONSULT FACTORY TO ENSURE TEMPLATE IS LATEST REVISION.
2. ADD 1/64" WHEN DUST BOX IS USED
3. TOLERANCES SHOWN ARE FOR CUT OUTS

ISSUED DATE:
© 2005 MARKS USA 1 LLC
MORTISE LOCK SPECIFICATION:
5-SERIES = ANSI A156.13 - 2012
GRADE 1 OPERATIONAL
GRADE 1 SECURITY
UL LISTED FOR 3 HOUR DOORS
EXPOSED TRIM: FORGED BRASS AND STAINLESS STEEL LEVERS OR KNOBS
WROUGHT BRASS, BRONZE AND STAINLESS STEEL ROSES.
WROUGHT AND COLD FORGED ESCUTCHEONS.
KEYING: 6 PIN BRASS CYLINDERS WITH NICKEL SILVER KEYS.
BACK SET: 2 3/4", 2 1/2" AVAILABLE
LATCHES: 3/4" THROW - STAINLESS STEEL.
DEAD BOLT: 1" THROW - STAINLESS STEEL.
STRIKE: ANSI 1 1/4" X 4 7/8" X 1 3/16" UP STANDARD.

LATCHBOLT/DEADBOLT DIMENSIONS:
LATCHBOLT: 3/4" THROW, .640" X 1.000"
DEADBOLT: 1" THROW, .500" X 1.125"

MARKS 5 SERIES MORTISE LOCK

PREPARED BY:
RONALD OGUR
FPE # 22894
STRUCTURAL AND CIVIL ENGINEER
40 UNDERHILL BLVD.
SYOSSET, N.Y. 11791

APPROVALS

DRAWN: E.B. 11-09-15
CHECKED: 
APPROVED: 

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.

DO NOT SCALE DRAWING
175-SERIES = ANSI A156.2 - 2011 GRADE 2
UL LISTED FOR 3 HOUR DOORS
EXPOSED TRIM: WROUGHT BRASS OR BRONZE
LEVERS ARE PRESSURE CAST ZINC, PLATED TO MATCH BMHA FINISHES.
KEYING: 6 PIN BRASS CYLINDERS WITH NICKEL SILVER KEYS.
BACKSET: 2 3/4" STANDARD, 2 3/8", 3 3/4" AND 5" AVAILABLE
LATCHES: 1 1/8" X 2 1/4" FACEPLATE, 1/2" THROW STANDARD, BRASS BOLT, 3/4" THROW AVAILABLE.
STRIKE: ANSI 1 1/4" X 4 7/8" X 1 3/16" LIP, OPTION S1.

DEAD BOLT SPECIFICATION:
130-SERIES = ANSI A156.36 - 2010 GRADE 2
EXPOSED TRIM: WROUGHT BRASS OR STAINLESS STEEL, WITH PRESSURE CAST ZINC REINFORCMENTS AND THUMBTURN.
KEYING: 6 PIN BRASS CYLINDERS WITH NICKEL SILVER KEYS.
BACKSET: 2 3/4" STANDARD, 2 3/8" AVAILABLE.
DEADBOLT: 1 1/8" X 2 1/4" FACEPLATE, 1" THROW STANDARD, HIGH STRENGTH CAST ALLOY BOLT.
STRIKE: 1 1/8" X 2 3/4" STANDARD.

PREPARED BY:
RONALD OGUR
FPE # 22894
STRUCTURAL AND CIVIL ENGINEER
40 UNDERHILL BLVD.
SYOSSET, N.Y. 11791

APPROVALS
DRAWN: E.B. 11-09-15
CHECKED:
APPROVED:
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
FRACTIONS DECIMALS ANGLES ± 1/64 XXX ±0.05 ±1°

MD1
REV B
DO NOT SCALE DRAWING
SCALE: N.T.S. SHEET 7 OF 10
<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>1</td>
<td>A1900 CYLINDRAL LOCK CHASSIS</td>
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<tr>
<td>2</td>
<td>1134 LATCH ASSEMBLY, GRADE 1, 32 x 3/4&quot; FLAT COMBO THREAD SCREW</td>
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<tr>
<td>3</td>
<td>9073 32 x 3/4&quot; FLAT COMBO THREAD SCREW</td>
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<tr>
<td>4</td>
<td>1130 STRIKE</td>
</tr>
<tr>
<td>5</td>
<td>9063 32 x 3/4&quot; FLAT COMBO THREAD SCREW</td>
</tr>
<tr>
<td>6</td>
<td>A1973 EXTERIOR ROSE INSERT ASSEMBLY</td>
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<td>7</td>
<td>1997 CYLINDER RETAINER</td>
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<td>8</td>
<td>1582 CYLINDER</td>
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<td>9</td>
<td>1762 LATCH &quot;TURNED&quot;</td>
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<tr>
<td>10</td>
<td>2762 LATCH &quot;OPEN&quot;</td>
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<tr>
<td>11</td>
<td>3792 LATCH &quot;SHARED&quot;</td>
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<tr>
<td>12</td>
<td>4752 LATCH &quot;TURNED&quot;</td>
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<tr>
<td>13</td>
<td>A1971 INTERIOR ROSE INSERT ASSEMBLY</td>
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<tr>
<td>14</td>
<td>1992 3-3/4&quot; X 2-1/2&quot; FLAT HEAD MACHINE SCREW</td>
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<tr>
<td>15</td>
<td>1978 ROSE SHELL</td>
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</table>

195-SERIES = ANSI A156.2 - 2011 GRADE 1
UL LISTED FOR 3 HOUR DOORS
EXPOSED TRIM: WROUGHT BRASS OR BRONZE
LEVERS ARE PRESSURE CAST ZINC, PLATED TO MATCH BHMA FINISHES.
KEYING: 6 PIN BRASS CYLINDERS WITH NICKEL, SILVER KEYS.
BACK SET: 2 3/4" STANDARD, 2 3/8" AND 3 3/4" AVAILABLE.
LATCHES: 1 1/8" X 2 1/4" FACEPLATE, 1/2" THROW STANDARD,
BRASS BOLT, 3/4" THROW AVAILABLE.
STRIKE: ANSI 1 1/4" X 4 7/8" X 1 3/16" LIP, OPTION S1.

MARKS 195-495 SERIES CYLINDRICAL LOCK SET
NOTES:
1. CONSULT FACTORY TO ENSURE TEMPLATE IS LATEST REVISION.
2. DOOR SUPPORT FOR EXIT DEVICE AND TRIM IS REQUIRED FROM DOOR MFG.
3. FOR ROLLER STRIKE DRILL AND TAP 1/4-20 THD. 3 HOLES FOR FLAT HEAD MACHINE SCREWS.

MARKS M9900FH AND M9900H - EXIT DEVICES

MARKS USA 1 LLC

TOLERANCES

DECIMAL
± 0.005

FRACTIONAL
± 1/64"